

**(57) Abstract**

In an access network which supports a mobile IP protocol, a mobile station may perform several handovers between access nodes during a long session which may cause inefficient mobile IP routing. In the present invention, an access node, which is the target of a handover during an IP session, is arranged to check the preferred mobility agent in respect of the optimal routing on the mobile IP level, and if a more preferred mobility agent is available and not the same as a current mobility agent, the connection to the current mobility agent is closed, and a new connection to the preferred mobility agent of the respective access node is opened. In merit of the new connection established by the access node to the preferred mobility agent, the agent advertisement messages sent by the new mobility agent can be received by the mobile node, and thereby the mobile node is able to detect the change of the attachment point (i.e. mobility agent) and to initiate standard mobile IP registration.

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